

Cont. 309,060  
(DT-6598)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**APPLICANT:** Eckhard Bez et al.  
**SERIAL NO.:** 10/671,072  
**FILED:** September 24, 2003  
**FOR:** VALVE ARRANGEMENT FOR A VACUUM PUMP  
**EXAMINER:** Tuan N. Nguyen                      Group: 3751

Mail Stop: **Amendment**  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to 37 CFR sections 1.97 and 1.98, applicant respectfully requests that the documents listed on the attached form PTO-1449, be made of record and considered in connection with the examination of this application. Copies of the listed documents are enclosed. A translation of the foreign language document(s) is not readily available.

09/20/2005 EAYALEW1 00000041 10671072

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180.00 DP

The documents submitted herewith were cited in a Search Report (copy enclosed) issued in a European application corresponding to the above-referenced application.

U.S. Patent No. 4, 102, 608 discloses a reciprocatory piston and cylinder machine.

U.S. Paten No. 4,699,572 discloses a reciprocatory piston and cylinder machine.

French Patent Publication FR 2 655 535 discloses a transplantation valve between an upstream duct (1) leading from one of the ventricles of the subject's skull, and a liquid-discharging downstream duct (2). The valve comprises a chamber (4) into which the two ducts (1, 2) open, at least one seat (6b) located in the chamber at the outlet of one of the ducts, a seal (7) which is movable in relation to the seat, and a driving element (6) which moves the seat and the seal relatively to each other, and which consist of a portion (6) of a tubular ring housed in the chamber (4), one of its ends (6a) being fixed while the other end (6b) carries one of the two mutually movable seat or seal elements. The curvature of said portion (6) corresponds to the difference between the pressure in the chamber (4) and the pressure inside said tubular

portion (6), so that any variation in this pressure difference will tend to make the seal and the seat move relatively to one another.

German Patent No. 1,112,359 discloses a safety valve having a valve seat (f) and a closure element formed of a diaphragm © and a hollow body (d) which is filled with compressed air at a pressure corresponding to pressure at which valve should be open.

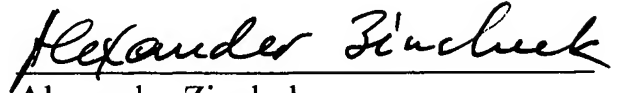
German Publication 2E 196 34 ST8 A1 discloses a reciprocating pump with a release valve (13, 14, 18).

German Publication DE 197 21 356 A1 discloses a check valve having a valve seat (14) and a valve head (20) the position of which is pressure controlled (cavity 23, conduits (34, 35) to a fluid source).

A check in the amount of \$180 to cover the fee required under 37

C.F.R. 1.17(p) is enclosed.

Respectfully submitted,



Alexander Zinchuk

Reg. No. 30,541

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This correspondence is being deposited with the United States Postal Service on September 14, 2005 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number **ER 843 205 025 US** addressed to the Honorable Commissioner for Patents, Alexandria, VA 22313-1450.



Alexander Zinchuk

Form PTO-1449 (Rev. 7-80)		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket Control No. 6598		Serial No. 10/671,072									
<div style="display: flex; align-items: center;"> <div> <p>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</p> <p>(Use several sheets if necessary)</p> </div> </div>				Applicant      Eckhard Bez et al.											
				Filing Date September 24, 2003		Group 3751									
<b>U.S. PATENT DOCUMENTS</b>															
*Examiner Initial		Document Number							Date	Name	Class	Subclass	Filing Date If Appropriate		
	AA	4	1	0	2	6	0	8	7/1978	Balkau et al.					
	AB	4	6	9	9	5	7	2	10/1987	Balkau et al.					
	AC														
	AD														
	AE														
	AF														
	AG														
	AH														
	AI														
	AJ														
<b>FOREIGN PATENT DOCUMENTS</b>															
		Document Number							Date	Country	Class	Subclass	Translation YES NO		
	AL	2	6	5	5	5	3	5	6/1991	France					X
	AM	1	1	1	2	3	5	9	4/1959	Germany					X
	AN	9	6	3	4	5	1	8	3/1998	Germany					X
	AO	9	7	2	1	3	5	6	12/1998	Germany					X
	AP														
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>															
	AR		Search Report												
	AS														
	AT														
Examiner										Date Considered					
<p>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>															